BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate
Item No.

Name of the Work : Repairs of Reading Room at BEL 6th Block in Ward No. 09, Vidyaranyapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	10.88	Providing and removing centering, shuttering, strutting, propping etc., for **columns**, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	330.72	
2	48.00	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs,** landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	284.08	
3	14.83	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of **beams** beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	239.56	
4	14.69	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size** graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Cum	5535.32	
5	11.91	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of **class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure** including cost of materials, labour charges, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work.	Cum	5789.72	

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				In Figures	In Words
6	18.37	Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.	Qtl	7746.48	
7	16.00	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mixand directions of engineer in charge of the work.oofing compound and finally finishing the surface with trowel and neat cement slurry and making of	Sqm	779.10	
8	7.47	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenonned and riveted in the assembled frame stiffened with end clops at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary sng specification and direction including cost of converyance, amnufacturing painting with 2 coats enamel paint over one coat of primer cost	Sqm	3726.96	
9	12.53	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	163.24	
10	250.47	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	199.28	

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	Quantity.	Description	Unit	Rates	
				In Figures	In Words
11	32.00	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	165.36	
12	11.40	Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work.	Cum	4211.38	
13	17.00	Flooring with 25mm to 40mm thick polished **tandur blue stone slabs** using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	1017.60	
14	250.47	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. **with Primer** etc complete as per specifications and directions of engineer in charge of the work.	Sqm	79.50	
15	32.00	Providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications **with Primer** etc complete as per specifications and directions of engineer in charge of the work.	Cum	78.44	

Signature of the Contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Executive Engineer
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31/10/2013

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Superintending Engineer
Yelahanka Zone
BBMP, Bangalore-92
31/10/2013